



PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/830,748

DATE: 07/29/2002
TIME: 08:52:03

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\07292002\I830748.raw

ENTERED

3 <110> APPLICANT: The Government of the United States of America, as represented by The
4 Secretary of the Department of Health and Human Services
5 Kashmiri, Syed V.S.
6 Padlan, Eduardo A.
7 Jeffery, Schлом
9 <120> TITLE OF INVENTION: VARIANTS OF HUMANIZED ANTI-CARCINOMA MONOCLONAL ANTIBODY

CC49

11 <130> FILE REFERENCE: 4239-61725
13 <140> CURRENT APPLICATION NUMBER: US 09/830,748
C--> 14 <141> CURRENT FILING DATE: 2002-07-08
16 <150> PRIOR APPLICATION NUMBER: PCT/ US99/25552
17 <151> PRIOR FILING DATE: 1999-10-29
19 <150> PRIOR APPLICATION NUMBER: US 60/106,757
20 <151> PRIOR FILING DATE: 1998-11-02
22 <150> PRIOR APPLICATION NUMBER: US 60/106,534
23 <151> PRIOR FILING DATE: 1998-10-31
25 <160> NUMBER OF SEQ ID NOS: 44
27 <170> SOFTWARE: PatentIn version 3.1
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 17
31 <212> TYPE: PRT
32 <213> ORGANISM: Mus musculus
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40 Ala
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56 <211> LENGTH: 9
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63 1 5
66 <210> SEQ ID NO: 4
67 <211> LENGTH: 5
68 <212> TYPE: PRT
69 <213> ORGANISM: Mus musculus

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79 <212> TYPE: PRT
80 <213> ORGANISM: Mus musculus
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88 Gly
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 6
94 <212> TYPE: PRT
95 <213> ORGANISM: Mus musculus
97 <400> SEQUENCE: 6
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100 1 5
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104 <211> LENGTH: 17
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106 <213> ORGANISM: Homo sapiens
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111 1 5 10 15
114 Ala
118 <210> SEQ ID NO: 8
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130 <211> LENGTH: 9
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142 <212> TYPE: PRT
143 <213> ORGANISM: Homo sapiens
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147 Ser Tyr Ala Met His
148 1 5
151 <210> SEQ ID NO: 11
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153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
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167 <211> LENGTH: 12
168 <212> TYPE: PRT
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179 <212> TYPE: PRT
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185 1 5 10 15
188 Glu Arg Val Thr Leu Asn Cys Lys Ser Ser Gly Ser Leu Leu Tyr Ser
189 20 25 30
192 Gly Asn Gln Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln
193 35 40 45
196 Ser Pro Lys Leu Leu Ile Tyr Trp Ala Ser Ala Arg Glu Ser Gly Val
197 50 55 60
200 Pro Asp Arg Phe Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr
201 65 70 75 80
204 Ile Ser Ser Val Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln Gln
205 85 90 95
208 Tyr Tyr Ser Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu
209 100 105 110
212 Lys
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219 <213> ORGANISM: Mus musculus
221 <400> SEQUENCE: 14
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224 1 5 10 15
227 Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp His
228 20 25 30
231 Ala Ile His Trp Val Lys Gln Asn Pro Gly Gln Arg Leu Glu Trp Ile
232 35 40 45
235 Gly Tyr Phe Ser Pro Gly Asn Asp Asp Phe Lys Tyr Asn Glu Arg Phe
236 50 55 60
239 Lys Gly Lys Ala Thr Leu Thr Ala Asp Thr Ser Ala Ser Thr Ala Tyr
240 65 70 75 80
243 Val Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys

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263	gggaccctgt gccggccct gagtcgcggc ctgacgtggt cgacctggac cctcacgtga	120		
265	cgtg	124		
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282	<211> LENGTH: 126			
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289	acaccggaac gggacttgg agagtaacat gaattttcac tgcctacgtg gagctctcca	120		
291	gcctga	126		
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295	<211> LENGTH: 125			
296	<212> TYPE: DNA			
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302	cagaggcgc ggttgtcag aagtacactg cagtatcctc ggtatctcagg ctggagagct	120		
304	ccacg	125		
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308	<211> LENGTH: 122			
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310	<213> ORGANISM: Mus musculus			
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313	gcaagcttcc accatggata gccaggccca ggtgctcatg ctcctgctgc tgtgggtgag	60		
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317	cg	122		
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321	<211> LENGTH: 121			
322	<212> TYPE: DNA			
323	<213> ORGANISM: Mus musculus			

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326 gggctctgcc ctggttctg ctgataccag gcgagatagt tcgctctccc actgagactt 60
328 aacgttcagg tcggtcaggg acgagatatc gccttagtc ttcccaggga cacggccagg 120
330 g 121
333 <210> SEQ ID NO: 21
334 <211> LENGTH: 121
335 <212> TYPE: DNA
336 <213> ORGANISM: Mus musculus
338 <400> SEQUENCE: 21
339 gcagaaacca gggcagagcc ctaaactgct gatttactga gacagggtct agggacggc 60
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343 c 121
346 <210> SEQ ID NO: 22
347 <211> LENGTH: 126
348 <212> TYPE: DNA
349 <213> ORGANISM: Mus musculus
351 <400> SEQUENCE: 22
352 agccataat atcgataggg gagtgttaagc cgcgaccgtg gttcgaccctt gactttgcc 60
354 ggcgtgctga caataataga ctgccacgtc ttctgcctgc acgctgctga ttgtcagagt 120
356 gaagtc 126
359 <210> SEQ ID NO: 23
360 <211> LENGTH: 19
361 <212> TYPE: DNA
362 <213> ORGANISM: Artificial Sequence
364 <220> FEATURE:
365 <223> OTHER INFORMATION: Oligonucleotide Primer
367 <400> SEQUENCE: 23 19
368 ctaagcttcc accatggag
371 <210> SEQ ID NO: 24
372 <211> LENGTH: 19
373 <212> TYPE: DNA
374 <213> ORGANISM: Artificial Sequence
376 <220> FEATURE:
377 <223> OTHER INFORMATION: Oligonucleotide primer
379 <400> SEQUENCE: 24
380 atggggcccg agtttggcg 19
383 <210> SEQ ID NO: 25
384 <211> LENGTH: 20
385 <212> TYPE: DNA
386 <213> ORGANISM: Artificial Sequence
388 <220> FEATURE:
389 <223> OTHER INFORMATION: Oligonucleotide primer
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395 <210> SEQ ID NO: 26
396 <211> LENGTH: 20
397 <212> TYPE: DNA
398 <213> ORGANISM: Artificial Sequence
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VERIFICATION SUMMARY

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Input Set : A:\PTO.VSK.txt

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date